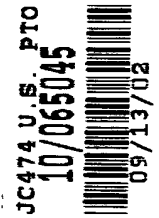


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 17864
Application ID: 10065045
Title of Invention: PHASE-LOCKED LOOP HAVING
PHASE DETECTOR ERROR SIGNAL
RESHAPING AND METHOD
THEREOF
First Named Inventor: Hsu-Feng Ho
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-13
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: MTKP0019USA
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: xu6OVi558pCK2dKxL3MBfg==
Total Fees Authorized: \$410.0
Payment Category: DA - Deposit Account
Deposit Account Number: 500801
Deposit Account Name: WINSTON HSU





TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

MTKP0019USA

PHASE-LOCKED LOOP HAVING PHASE DETECTOR ERROR SIGNAL RESHAPING AND METHOD THEREOF

First Named Inventor: Hsu-Feng Ho

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	MTKP0019DEC1.TIF
declaration	MTKP0019DEC2.TIF
specification	MTKP0019.xml
bibd-transmittal	MTKP0019apds.xml
patent-assignments	MTKP0019asgn.xml
fee-transmittal	MTKP0019fee.xml

Attached Image File(s):

MTKP0019DEC1.TIF
MTKP0019DEC2.TIF

Comments:

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Date: 9/11/2002 Hsu-Feng Ho
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FEE TRANSMITTAL

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Patent fees are subject to annual revisions on or about October 1st of each year.

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TOTAL FEES AUTHORIZED: \$ 410

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: WINSTON HSU
 Electronic Signature Mark: VAEB-JMXX-8IIL
 Date Signed: 20020913

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 370

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	203	\$ 9	0	\$ 0
Independent Claims: 3	202	\$ 42	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40